

URP2 / kindlin-3 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2992a**Specification**

URP2 / kindlin-3 Antibody (C-Term) - Product Information

Application	WB
Primary Accession	Q86UX7
Other Accession	NP_113659.3 , NP_848537.1 , 83706 , 108101 (mouse), 309186 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	75953

URP2 / kindlin-3 Antibody (C-Term) - Additional Information**Gene ID** 83706**Other Names**

Fermitin family homolog 3, Kindlin-3, MIG2-like protein, Unc-112-related protein 2, FERMT3, KIND3, MIG2B, URP2

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

URP2 / kindlin-3 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

URP2 / kindlin-3 Antibody (C-Term) - Protein Information**Name** FERMT3**Synonyms** KIND3, MIG2B, URP2**Function**

Plays a central role in cell adhesion in hematopoietic cells (PubMed:19234463, PubMed:26359933). Acts by

activating the integrin beta-1-3 (ITGB1, ITGB2 and ITGB3) (By similarity). Required for integrin-mediated platelet adhesion and leukocyte adhesion to endothelial cells (PubMed:19234460). Required for activation of integrin beta-2 (ITGB2) in polymorphonuclear granulocytes (PMNs) (By similarity).

Cellular Location

Cell projection, podosome. Note=Present in the F-actin surrounding ring structure of podosomes, which are specialized adhesion structures of hematopoietic cells

Tissue Location

Highly expressed in lymph node. Expressed in thymus, spleen and leukocytes. Weakly expressed in placenta, small intestine, stomach, testis and lung. Overexpressed in B-cell malignancies.

URP2 / kindlin-3 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

URP2 / kindlin-3 Antibody (C-Term) - Images



AF2992a (1 µg/ml) staining of Human Peripheral Blood Mononucleocytes lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

URP2 / kindlin-3 Antibody (C-Term) - Background

This antibody is expected to recognize both isoforms (NP_113659.3, NP_848537.1).

URP2 / kindlin-3 Antibody (C-Term) - References

Leukocyte adhesion deficiency-III is caused by mutations in KINDLIN3 affecting integrin activation. Svensson L, Howarth K, McDowall A, Patzak I, Evans R, Ussar S, Moser M, Metin A, Fried M, Tomlinson I, Hogg N. Nature medicine 2009 Mar 15 (3): 306-12. PMID: 19234463